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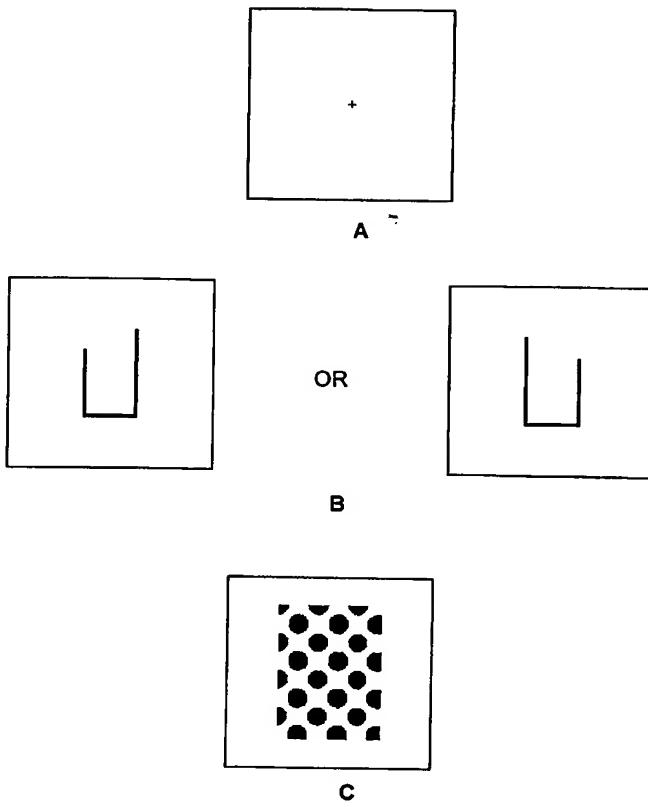
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(54) Title: ASSESSMENT OF COGNITIVE IMPAIRMENT



(57) **Abstract:** A method of assessing cognitive impairment of a user includes presenting a visual test stimulus to the user for a pre-determined test stimulus exposure duration. The test stimulus is then masked and a response from the user is measured. The response provides information about the user's perception of a characteristic of the test stimulus together with the time taken for the user to respond. These steps are repeated to develop a user profile and cognitive impairment in the user is assessed by comparing the user profile with a reference profile. A method of assessing cognitive impairment of a user includes presenting a visual test stimulus to the user for a pre-determined test stimulus exposure duration. The test stimulus is then masked and a response from the user is measured. The response provides information about the user's perception of a characteristic of the test stimulus together with the time taken for the user to respond. These steps are repeated to develop a user profile and cognitive impairment in the user is assessed by comparing the user profile with a reference profile.



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